

## Author Index

- Aires-Barros, L. 225  
 Al-Bloushi, A. 185  
 Al-Nafisi, R. 185  
 Alessio, L. 1  
 Alinovi, R. 7  
 Alves, L.A. 225  
 Apostoli, P. 23,127  
 Araujo, F. 225  
  
 Baj, A. 97  
 Bergamaschi, E. 7  
 Braga, M. 173  
 Broersen, J.P.J. 135  
 Brune, D. 17  
 Buratti, M. 81  
  
 Cafmeyer, J. 281  
 Cavalleri, A. 63  
 Cazzadori, A. 103  
 Colombi, A. 81  
  
 Delopoulou, P. 213  
 Duca, P. 155  
  
 Eltayeb, M.A.H. 281  
  
 Ferioli, A. 117  
 Foa, V. 117  
 Fobe, B. 225  
 Forni, A. 149  
 Fortaner, S. 39  
 Forti, M.C. 245  
 Fracasso, M.E. 145  
 Franchini, I. 7  
  
 Gallorini, M. 39  
 Gambini, G. 111  
 Gasperini, R. 145  
 Gatti, A. 63  
 Gerhardsson, L. 17  
 Ghezzi, L. 97  
 Grandjean, Ph. 17  
  
 Graziani, M.S. 103  
 Greibrokk, T. 261  
 Groza, M.M. 271  
 Guimarães, J.R.D. 205  
  
 Herber, R.F.M. 135  
  
 Jacob, P.G. 185  
 Jentoft, N.A. 261  
  
 Larsen, A. 261  
 Leurini, D. 111  
  
 Maenhaut, W. 281  
 Malesani, F. 103  
 Manzo, L. 63  
 Maranelli, G. 103,127  
 Mesquita e Carmo, A. 225  
 Micciolo, R. 127  
 Minoia, C. 39,63  
 Mutti, A. 7  
  
 Natale, P. 271  
 Neal, C. 245  
 Nordberg, G. 17  
  
 Perrelli, G. 93  
 Pietra, R. 39,63  
 Piolatto, G. 93  
  
 Roekens, E. 225  
 Romeo, L. 103  
 Ronchi, A. 63  
  
 Sabbioni, E. 39,63  
 Saltelli, A. 39  
 Scansetti, G. 85  
 Segà, R. 97  
 Sesana, G. 97  
 Sikiotis, D. 213  
  
 Toffoletto, F. 97

Tommasi, I. 103

Valla, C. 81

Van Espen, P.J. 281

Van Grieken, R. 225

Van Grieken, R. 281

Van Put, A. 225

Verplanke, A.J.W. 135

Vesterberg, O. 17

Vleugels, G. 225

Wester, P.O. 17

Xaiz, D. 81

Zorba, M.A. 185

## Subject Index

- Aerosol, particle-induced X-ray emission, Khartoum, Sudan, receptor modelling, 281
- Air, formaldehyde, sampling, analysis, 261
- Air pollution, nitric acid, nitrates, sulphates, dry deposition, stone deterioration, preservation of monuments, 213
- Air pollution, weathering, stone, microanalysis, Jeronimos, 225
- Alanine amino peptidase,  $\beta$ -galactosidase, *N*-acetyl- $\beta$ -D-glucosamine, urinary dilution, creatine, urinary density, 135
- Albuminuria, nephrotoxicity, proteinuria,  $\beta_2$ -microglobulin, retinol binding protein, brush border antigens, 7
- Amazonia, throughfall, chemistry, rain, forest, 245
- Analysis, formaldehyde, air, sampling, 261
- Atomic absorption spectrophotometry, plasma selenium, general population, reference values, 97
- Bioaccumulation, cesium, cobalt, Epinephelus, 205
- Bioindicators, clams, Kuwait, 185
- Biological monitoring, mercury, blood, 17
- Biological monitoring, reference values, low doses, exposure to metals, 1
- Biological monitoring, trace elements, quality control, reference materials, 81
- Blood, cadmium, urine, cessation of exposure, 111
- Blood, mercury, biological monitoring, 17
- Blood, trace elements, reference values in tissues, preanalytical factors, lymph nodes, cerebrospinal fluid, reference population group, 39
- Blood lead levels, non-parametric methods, reference curves, 173
- Broncho-alveolar lavage, trace elements, reference values, 103
- Brush border antigens, nephrotoxicity, proteinuria, albuminuria,  $\beta_2$ -microglobulin, retinol binding protein, 7
- Cadmium, blood, urine, cessation of exposure, 111
- Carbon monoxide, particulate matter, sulphur dioxide, lead, 271
- Cardiovascular disease, microdose, metals, neurological diseases, 117
- Cerebrospinal fluid, trace elements, reference values in tissues, preanalytical factors, blood, lymph nodes, reference population group, 39
- Cesium, cobalt, bioaccumulation, Epinephelus, 205
- Cessation of exposure, cadmium, blood, urine, 111
- Chemistry, throughfall, Amazonia, rain, forest, 245
- Chromosome aberrations, genotoxicity, lymphocytes, reference values, 149
- Clams, bioindicators, Kuwait, 185
- Cobalt, cesium, bioaccumulation, Epinephelus, 205
- Confounding factors, fluctuation test, urine, 145
- Creatine, alanine amino peptidase,  $\beta$ -galactosidase, *N*-acetyl- $\beta$ -D-glucosamine, urinary dilution, urinary density, 135
- Dry deposition, air pollution, nitric acid, nitrates, sulphates, stone deterioration, preservation of monuments, 213
- Epinephelus, cesium, cobalt, bioaccumulation, 205
- Exclusion and partition criteria, reference values, toxic metals, variability factors, 23
- Exposure to metals, biological monitoring, reference values, low doses, 1

- Fluctuation test, urine, confounding factors, 145
- Forest, throughfall, chemistry, Amazonia, rain, 245
- Formaldehyde, air, sampling, analysis, 261
- $\beta$ -Galactosidase, alanine amino peptidase, *N*-acetyl- $\beta$ ,D-glucosamine, urinary dilution, creatine, urinary density, 135
- Gallium, germamium, niobium, tellurium, reference values, literature data, 85
- Gaussianity test, reference values, tolerance interval, sample size in tolerance internal estimates, 155
- General population, plasma selenium, reference values, atomic absorption spectrophotometry, 97
- Genotoxicity, chromosome aberrations, lymphocytes, reference values, 149
- Germamium, gallium, niobium, tellurium, reference values, literature data, 85
- Gold, reference values, silver, platinum, literature data, 93
- Graphite furnace atomic absorption spectroscopy, trace element reference values in tissues, preanalytical factors (control), trace elements in human tissues, trace element contaminations and losses, neutron activation analysis and radiotracers, 63
- Hypertension, Pb blood, reference values, logistic repression, 127
- Jeronimos, weathering, stone, microanalysis, air pollution, 225
- Khartoum, aerosol, particle-induced X-ray emission, Sudan, receptor modelling, 281
- Kuwait, clams, bioindicators, 185
- Lead, carbon monoxide, particulate matter, sulphur dioxide, 271
- Literature data, gallium, germamium, niobium, tellurium, reference values, 85
- Literature data, reference values, gold, silver, platinum, 93
- Logistic repression, Pb blood, hypertension, reference values, 127
- Low doses, biological monitoring, reference values, exposure to metals, 1
- Lymph nodes, trace elements, reference values in tissues, preanalytical factors, blood, cerebrospinal fluid, reference population group, 39
- Lymphocytes, chromosome aberrations, genotoxicity, reference values, 149
- Mercury, blood, biological monitoring, 17
- Metals, microdose, cardiovascular disease, neurological diseases, 117
- Microanalysis, weathering, stone, Jeronimos, air pollution, 225
- Microdose, metals, cardiovascular disease, neurological diseases, 117
- $\beta_2$ -Microglobulin, nephrotoxicity, proteinuria, albuminuria, retinol binding protein, brush border antigens, 7
- N*-Acetyl- $\beta$ ,D-glucosamine, alanine amino peptidase,  $\beta$ -galactosidase, urinary dilution, creatine, urinary density, 135
- Nephrotoxicity, proteinuria, albuminuria,  $\beta_2$ -microglobulin, retinol binding protein, brush border antigens, 7
- Neurological diseases, microdose, metals, cardiovascular disease, 117
- Neutron activation analysis and radiotracers, trace element reference values in tissues, preanalytical factors (control), trace elements in human tissues, trace element contaminations and losses, graphite furnace atomic absorption spectroscopy, 63
- Niobium, gallium, germamium, tellurium, reference values, literature data, 85
- Nitrates, air pollution, nitric acid, sulphates, dry deposition, stone deterioration, preservation of monuments, 213
- Nitric acid, air pollution, nitrates, sulphates, dry deposition, stone deterioration, preservation of monuments, 213
- Non-parametric methods, reference curves, blood lead levels, 173
- Particle-induced X-ray emission, aerosol, Khartoum, Sudan, receptor modelling, 281
- Particulate matter, carbon monoxide, sulphur dioxide, lead, 271
- Pb blood, hypertension, reference values, logistic repression, 127

- Plasma selenium, general population, reference values, atomic absorption spectrophotometry, 97
- Platinum, reference values, gold, silver, literature data, 93
- Preanalytical factors (control), trace element reference values in tissues, trace elements in human tissues, trace element contaminations and losses, graphite furnace atomic absorption spectroscopy, neutron activation analysis and radio-tracers, 63
- Preanalytical factors, trace elements, reference values in tissues, blood, lymph nodes, cerebrospinal fluid, reference population group, 39
- Preservation of monuments, air pollution, nitric acid, nitrates, sulphates, dry deposition, stone deterioration, 213
- Proteinuria, nephrotoxicity, albuminuria,  $\beta_2$ -microglobulin, retinol binding protein, brush border antigens, 7
- Quality control, trace elements, reference materials, biological monitoring, 81
- Rain, throughfall, chemistry, Amazonia, forest, 245
- Receptor modelling, aerosol, particle-induced X-ray emission, Khartoum, Sudan, 281
- Reference curves, non-parametric methods, blood lead levels, 173
- Reference materials, trace elements, quality control, biological monitoring, 81
- Reference population group, trace elements, reference values in tissues, preanalytical factors, blood, lymph nodes, cerebrospinal fluid, 39
- Reference values, biological monitoring, low doses, exposure to metals, 1
- Reference values, broncho-alveolar lavage, trace elements, 103
- Reference values, chromosome aberrations, genotoxicity, lymphocytes, 149
- Reference values, gallium, germanium, niobium, tellurium, literature data, 85
- Reference values, gold, silver, platinum, literature data, 93
- Reference values, Pb blood, hypertension, logistic regression, 127
- Reference values, plasma selenium, general population, atomic absorption spectrophotometry, 97
- Reference values, tolerance interval, Gaussianity test, sample size in tolerance internal estimates, 155
- Reference values, toxic metals, variability factors, exclusion and partition criteria, 23
- Reference values in tissues, trace elements, preanalytical factors, blood, lymph nodes, cerebrospinal fluid, reference population group, 39
- Retinol binding protein, nephrotoxicity, proteinuria, albuminuria,  $\beta_2$ -microglobulin, brush border antigens, 7
- Sample size in tolerance internal estimates, reference values, tolerance interval, Gaussianity test, 155
- Sampling, formaldehyde, air, analysis, 261
- Silver, reference values, gold, platinum, literature data, 93
- Stone, weathering, microanalysis, Jeronimos, air pollution, 225
- Stone deterioration, air pollution, nitric acid, nitrates, sulphates, dry deposition, preservation of monuments, 213
- Sudan, aerosol, particle-induced X-ray emission, Khartoum, receptor modelling, 281
- Sulphates, air pollution, nitric acid, nitrates, dry deposition, stone deterioration, preservation of monuments, 213
- Sulphur dioxide, carbon monoxide, particulate matter, lead, 271
- Tellurium, gallium, germanium, niobium, reference values, literature data, 85
- Throughfall, chemistry, Amazonia, rain, forest, 245
- Tolerance interval, reference values, Gaussianity test, sample size in tolerance internal estimates, 155
- Toxic metals, reference values, variability factors, exclusion and partition criteria, 23

- Trace element contaminations and losses, trace element reference values in tissues, preanalytical factors (control), trace elements in human tissues, graphite furnace atomic absorption spectroscopy, neutron activation analysis and radiotracers, 63
- Trace element reference values in tissues, preanalytical factors (control), trace elements in human tissues, trace element contaminations and losses, graphite furnace atomic absorption spectroscopy, neutron activation analysis and radiotracers, 63
- Trace elements, broncho-alveolar lavage, reference values, 103
- Trace elements, quality control, reference materials, biological monitoring, 81
- Trace elements, reference values in tissues, preanalytical factors, blood, lymph nodes, cerebrospinal fluid, reference population group, 39
- Trace elements in human tissues, trace element reference values in tissues, preanalytical factors (control), trace element contaminations and losses, graphite furnace atomic absorption spectroscopy, neutron activation analysis and radiotracers, 63
- Urinary density, alanine amino peptidase,  $\beta$ -galactosidase, *N*-acetyl- $\beta$ ,D-glucosamine, urinary dilution, creatine, 135
- Urinary dilution, alanine amino peptidase,  $\beta$ -galactosidase, *N*-acetyl- $\beta$ ,D-glucosamine, creatine, urinary density, 135
- Urine, cadmium, blood, cessation of exposure, 111
- Urine, fluctuation test, confounding factors, 145
- Variability factors, reference values, toxic metals, exclusion and partition criteria, 23
- Weathering, stone, microanalysis, Jeronimos, air pollution, 225

